

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (previously amended) A fuel cell feed processing system consisting of:

A        A fuel reformer further comprising a means for introducing gaseous fuel and air directly into said reformer, said reformer selected from at least one of the group consisting of autothermal, steam, and microchannel types,

B        A heat exchanger communicably connected directly to said fuel reformer, and

C        A scrubber communicably connected directly to said heat exchanger and further comprising a means for passing scrubbed reformat from said scrubber;

wherein said reformer, said heat exchanger, and said scrubber are communicably connected directly in series so that gaseous material may pass through said reformer, said heat exchanger and said scrubber sequentially, and

wherein said system further comprises a means for recycling gases from said scrubber to said reformer wherein said recycled gases are selected from at least one of the group consisting of carbon monoxide and methane.

2. (original) The fuel cell feed processing system as described in Claim 1 wherein said heat exchanger comprises graphitic carbon foam.

3. (original) The fuel cell feed processing system as described in Claim 2 wherein said graphitic carbon foam heat exchanger is a radiant cooler.
4. (original) The fuel cell feed processing system as described in Claim 1 wherein said scrubber comprises carbon fiber composite molecular sieve material.
5. (previously canceled) The fuel cell feed processing system as described in Claim 1 wherein said catalytic fuel reactor is located at a point of fuel supply.
6. (previously canceled) The fuel cell feed processing system as described in Claim 1 wherein said catalytic fuel reactor is located at a point of fuel usage.
7. (canceled) The fuel cell feed processing system as described in Claim 1 further comprising a means for recycling gases from said scrubber to said reformer wherein said recycled gases are selected from at least one of the group consisting of carbon monoxide and methane.
8. thru 22. (previously withdrawn)